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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known				
Application Number	10/000,101			
Filing Date	October 24, 2001			
First Named Inventor	Yaw S. Obeng, et al.			
Art Unit	1744			
Examiner Name	N/A			
Attorney Docket Number	SILO-0005			

				U.S. PAT	ENT DOCUMENTS	
Examiner Initials			nent Number - Kind Code ² (<i>if known</i>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
go		US-	6,132,298	10/17/2000	Zunigna, et al.	
13	[us-	6,063,306	05/16/2000	Kaufman, et al.	1
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	FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code3 -Number4 - Kind Code5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
れかかかか		WO 9962673 11 245164 JP 9132661 08 078369 01 064776	12/09/1999 09/14/1999 05/20/1997 03/22/1996 03/10/1989	SCAPA Group PLC Seiko Seiki Co. LTD Hitachi Chem Co. LTD Sony Corp. Lach Spezial Werkzeuge GMB		

Examiner Anlhony Olini	Date Considered	8/	13	103

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Application Number 10/000,101			
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Attorney Docket Number	EXIG-0005		

	U.S. PATENT DOCUMENTS Pages Columns Lines Where						
Examiner Initials		Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
NO		US- 6,354,915	03/12/2002	James, et al.			
1		US- 6,231,942	05/15/2001	Blizard, et al			
		US- 6,150,271	11/21/2000	Easter, et al.			
	C control creditation	US- 6,083,838	07/04/2000	Burton, et al.			
7		US- 5,945,486	08/31/1999	Vargo, et al.			
7.		US- 4,946,903	08/07/1990	Gardella Jr., et al.			
AD		US- 4,446,254	05/01/1984	Nakae, et al.	- AA		
		US- 1,338,647	11/28/1973	Garner, et al.	750		
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Examiner Initials		Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6			
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Examiner Date Anthony Considered Signature

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Electronic Information Disclosure Statement

SELECTIVE CHEMICAL-MECHANICAL
POLISHING PROPERTIES OF A CROSSLINKED POLYMER AND SPECIFIC
APPLICATIONS THEREFOR

Application:

Confirmation:

8967

Applicant(s):

Yaw Obeng

Docket Number:

SILO 0005

Group Art Unit:

3723

Examiner:

Not Assigned

search string:

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US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	6051500	2000-04-18		Maury et al.	438	692

Signature

Examiner Name	Date
Anthony	9/21/03



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10		US- 6,435,948	08/20/2002	Molnar	
		US- 6,428,388	08/06/2002	Molnar	
		US- 6,413,153	07/02/2002	Molnar	
/		US- 6,346,202	02/12/2002	Molnar	
l		US- 6,293,851	09/25/2001	Molnar	
_/	<u> </u>	US- 6,291,349	09/18/2001	Molnar	
<u> </u>		US- 6,283,829	09/04/2001	Molnar	
10		US- 6,267,644	07/31/2002	Molnar	
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Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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		US- 5,624,303	04/29/1997	Robinson	
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		WO 99/10129	03/04/1999	Ning Wang		
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Examiner Anthony Olini	Date Considered	8/	13	103

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Applicant to applicant. English language Translation is attached.





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•	Application Number	10/000,101
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	Art Unit	3723
	Examiner Name	N/A
	Attorney Docket Number	SILO 0005

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Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
10		^{US-} 6,290,589	09 18 2001	Tolles	
AU		^{US-} 5,516,400	05 14 1996	Pasch et al.	
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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